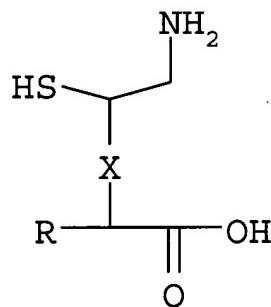


AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** A compound comprising a polypeptide, the polypeptide having at a C-terminal end a pseudo amino acid, wherein the pseudo amino acid having has a side chain containing a 1-amino-2-thiol moiety.

2. **(Currently Amended)** A compound according to claim 1, wherein the polypeptide comprises the structure:



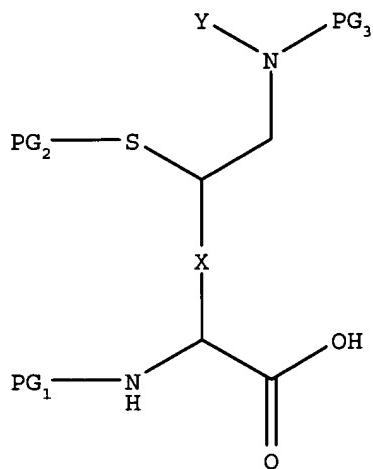
wherein:

R is a polypeptide chain;

X is a linker.

3. **(Currently Amended)** A compound according to claim 2, wherein the linker comprises (CH₂)_n, wherein where n is 0 to 6, preferably 4.

4. **(Original)** A protected pseudo amino acid comprising the structure



wherein:

Y is optionally H or other suitable residue; and

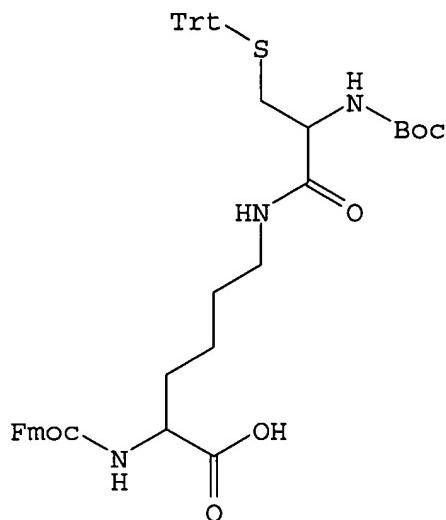
PG₁, PG₂ and PG₃ are different protecting groups.

5. (Currently Amended) A protected pseudo amino acid according to claim 4,

wherein the protecting groups are selected from the listed consisting of Fmoc, Boc or

Trt.

6. (Original) A protected pseudo amino acid according to claim 5 having the
structure:



7. (Original) A process of producing a pseudo cysteine comprising the steps according to Figure 2.

8. (Original) A pseudo cysteine obtained by the method of claim 7.

9. (Original) A pseudo cysteine obtainable by the method of claim 7.

10. (Currently Amended) The use of a polypeptide of claim 1 -3, ~~a pseudo amino acid of claim 4-6 or a pseudo cysteine of claim 8-9~~, for producing a peptide, [[or]] a protein by native chemical ligation, a homodimer, a heterodimer, or an oligomer.

11. (Currently Amended) The use of ~~a polypeptide of claim 1-3, a pseudo amino acid of claim 4 -6 or a pseudo cysteine of claim 8-9~~, for producing a peptide, a protein by native chemical ligation, a homodimer, a heterodimer, or an oligomer.

12. (Currently Amended) The use of ~~a polypeptide of claim 1-3, a pseudo amino acid of claim 4-6 or~~ a pseudo cysteine of claim 7 [[8-9,]] for producing a peptide, a protein by native chemical ligation, a homodimer, a heterodimer, or an oligomer.

13. (Cancelled).

14. (New) A compound according to claim 3, wherein the n is 4.